Prof. Alan S. Willsky

Massachusetts Institute of Technology

EDUCATION:

Massachusetts Institute of Technology
Ph.D., Aeronautics and Astronautics, 1973
S.B., Aeronautics and Astronautics, 1969

WORK EXPERIENCE:

Massachusetts Institute of Technology, Cambridge, MA
Professor of Electrical Engineering, 1973-Present.
Alphatech, Inc., Burlington, MA
Founder, Member of the Board of Directors, and Consultant, 1979-Present.
M.I.T. Laboratory for Information and Decision Systems
Assistant Director, 1974-1981.

AREAS OF EXPERTISE:

Estimation and statistical modeling for signal and image processing, and for dynamic systems; multiresolution estimation; large-scale data assimilation and sensor/information fusion; computer vision; statistical methods in inverse problems and image formation; automatic target recognition; remote sensing; tomography; synthetic aperture radar; machine learning and data mining.

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS:

IEEE Fellow, SIAM, SPIE